

## Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 11 Dec 2020 until 23:59 on Saturday 12 Dec 2020

Forecast Issued on Thursday 10 Dec 2020 at 17:00

**Confidence:** High for generally unsettled and mostly mild conditions throughout, lower for details with regard to cloud and timings of the various rain bands.

**Headline for Friday 11 Dec 2020:** Cloudy with outbreaks of rain turning more showery this afternoon. Winds easing.

### Mountain weather hazards on Friday 11 Dec 2020

**Blizzards**  
No Likelihood

**Heavy Snow**  
No Likelihood

**Storm force winds**  
No Likelihood

**Gales**  
No Likelihood

**Severe chill effect**  
Low Likelihood

**Poor visibility**  
High Likelihood

**Thunderstorms**  
No Likelihood

**Heavy persistent rain**  
No Likelihood

**Strong sunlight**  
No Likelihood

| Weather and chance of precipitation at 600m                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                     |                                                                                     |                                                                                     |                                                                                     | Time                                                                                |                                                                                       |                                                                                       |                                                                                       |
| 00:00                                                                               | 03:00                                                                               | 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                                 | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |  |  |
| Light rain                                                                          | Drizzle                                                                             | Light rain                                                                          | Drizzle                                                                             | Cloudy                                                                              | Light rain showers                                                                    | Light rain showers (night)                                                            | Partly cloudy (night)                                                                 |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| 60%                                                                                 | 70%                                                                                 | 70%                                                                                 | 60%                                                                                 | 30%                                                                                 | 30%                                                                                   | 30%                                                                                   | 20%                                                                                   |

### Forecast for Friday 11 Dec 2020

**Weather:** Cloudy with outbreaks of rain and drizzle through the early hours, although northern hills tending to be drier. Then a cloudy morning with further rain and drizzle at times, these becoming patchier towards midday. The rain turns more showery through the afternoon with some late brighter spells possible. Occasional showers and a few clear spells expected through the evening.

**Chance of cloud free mountain/hill tops above 600m:** Little chance through the morning with periods or persistent cloud above 450m and patches below, although nearer 40% in the north and, during the late afternoon, elsewhere with cloud occasional or periods above 600m.

**Visibility:** Just a few kilometres in rain and drizzle otherwise mainly good

**Forecast for Friday 11 Dec 2020**

| Height (m) | Wind Speed mean/gusts (mph) |          |          |          |          | Wind Direction (blowing from) |        |       |       |
|------------|-----------------------------|----------|----------|----------|----------|-------------------------------|--------|-------|-------|
|            | 00:00                       | 03:00    | 06:00    | 09:00    | 12:00    | 15:00                         | 18:00  | 21:00 | 00:00 |
| 600        | 20/29 SE                    | 19/27 SE | 15/23 SE | 12/19 SE | 10/15 SE | 7/11 E                        | 6/10 E | 6/9 E | 5/8 E |
| 300        | 12/25 SE                    | 12/25 SE | 9/18 SE  | 7/15 SE  | 6/13 E   | 5/10 E                        | 5/10 E | 4/8 E | 4/7 E |
| Valley     | 9/22 SE                     | 11/24 SE | 10/20 SE | 9/18 E   | 7/15 E   | 5/12 E                        | 5/11 E | 4/7 E | 3/6 E |

| Height (m)      | Temperature / Feels Like (°C) |       |       |       |       |       |       |       |       |
|-----------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | 00:00                         | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| 600             | 2/-3                          | 2/-3  | 3/-3  | 3/-2  | 3/-1  | 3/0   | 3/0   | 3/0   | 3/0   |
| 300             | 5/1                           | 5/1   | 5/2   | 5/2   | 5/3   | 5/3   | 5/3   | 5/3   | 4/3   |
| Valley          | 6/3                           | 6/3   | 6/3   | 6/3   | 7/5   | 7/5   | 6/5   | 6/4   | 6/4   |
| Freezing Level* | 1300m                         | 1600m | 1500m | 1500m | 1400m | 1400m | 1400m | 1300m | 1300m |

\*Level above which ground is expected to be frozen/snow is expected to settle.

**Meteorologist's View**

Nothing to add.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at              | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|--------------------------|----------------|----------------|----------------|
| 15:00 on Thu 10 Dec 2020 | 0.6mm          | 1.8mm          | 12.8mm         |

**Forecast for Saturday 12 Dec 2020**

**Weather:** Rather cloudy overnight with one or two showers around, perhaps some clearer spells in the north. Then a cloudy morning with outbreaks of rain developing, perhaps the odd heavier burst across southern hills. The rain gradually clears during the afternoon with a few bright or sunny spells developing.

**Maximum wind:** Variable 10mph or less.

**Chance of cloud free mountain/hill tops above 600m:** Little chance through the morning and early afternoon with periods of persistent cloud above 450m lowering to 300m or less at times, improving to 25% from the west during the afternoon with cloud lifting and breaking a little with bases 600m. Chances improve considerably during the evening.

**Visibility:** Good falling to just a few kilometres in rain and drizzle

**Temperature:** **Valleys:** Around plus 5 Celsius overnight rising to plus 8 Celsius by day.

**At 600m:** Around plus 3 Celsius

**Freezing level:** Above the summits